FIGURE 1

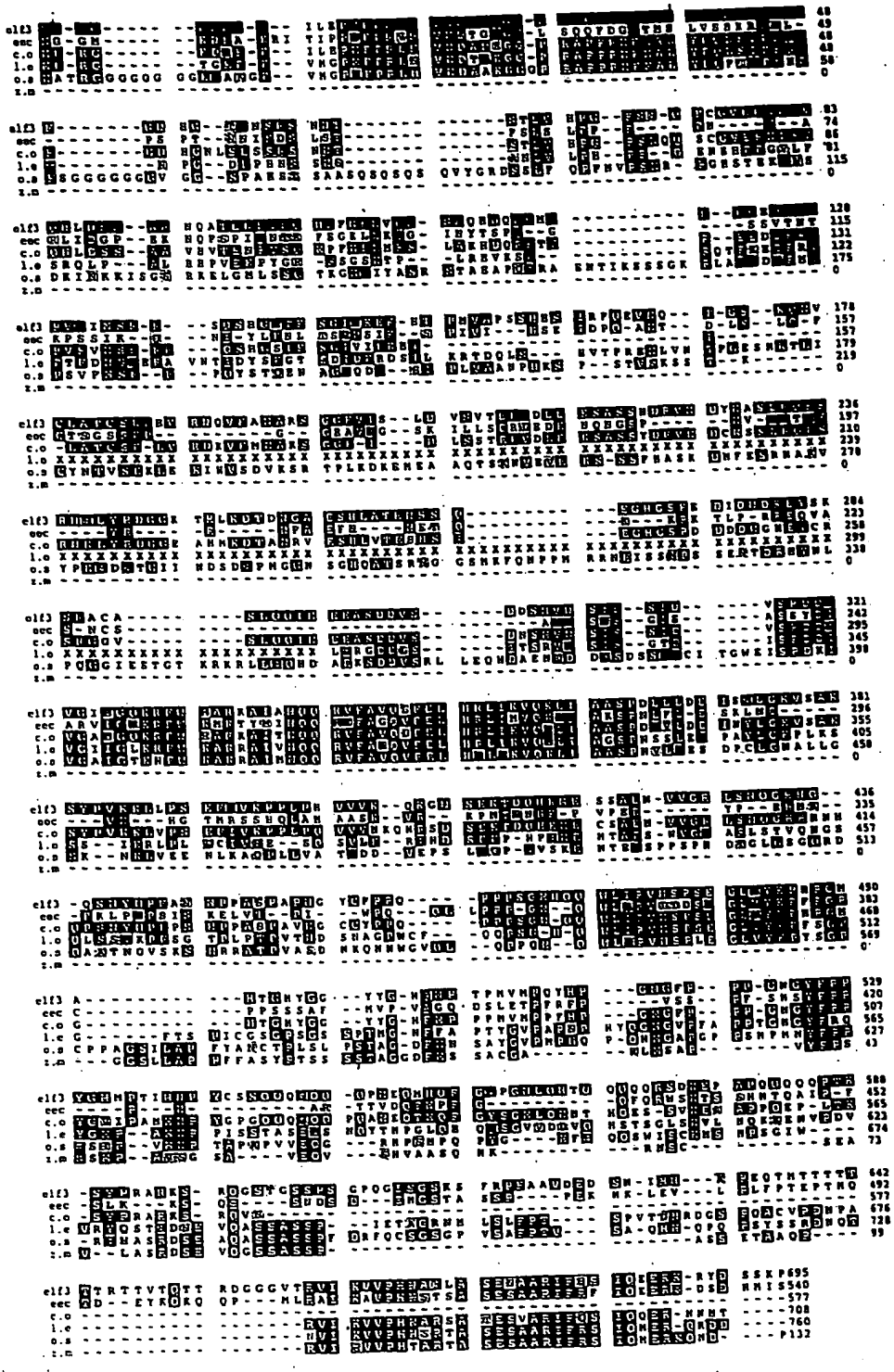


FIGURE 2

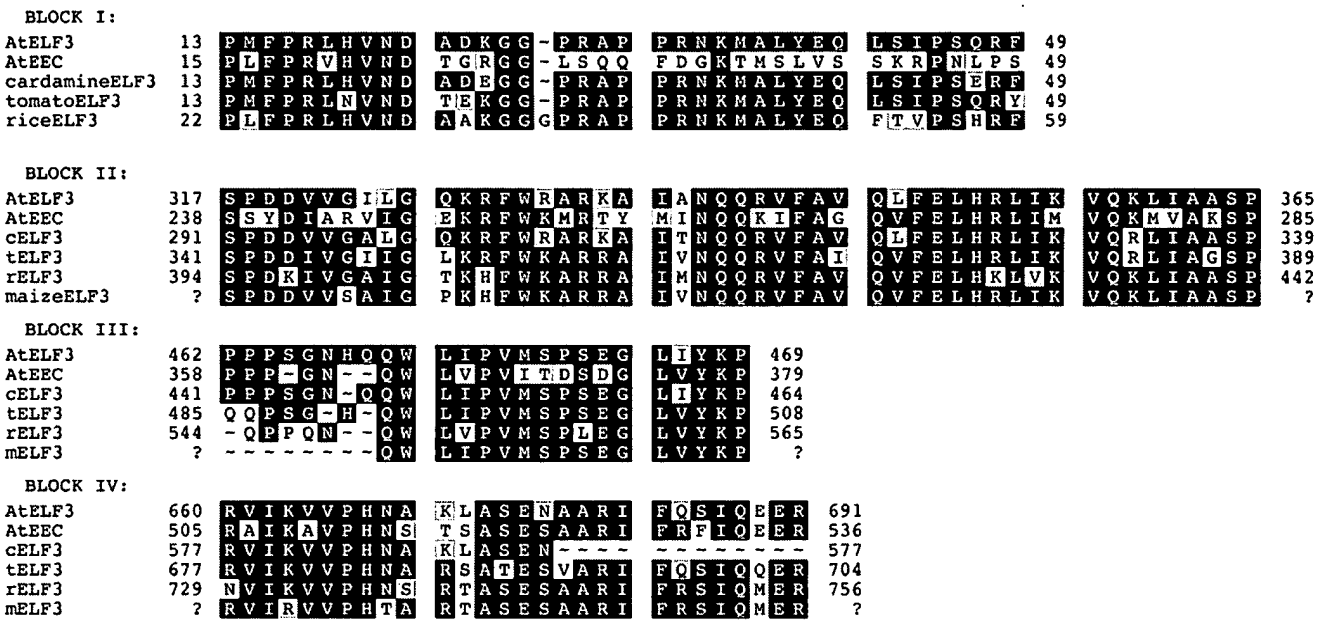


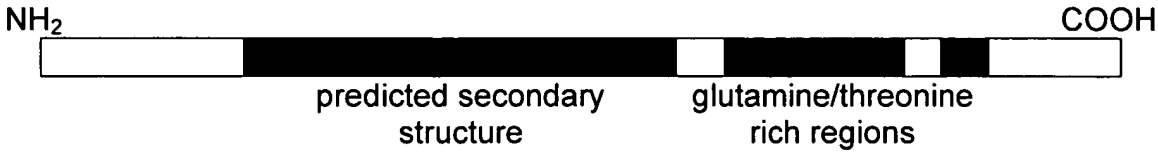
FIG. 3

Table 1. *Arabidopsis* seedlings overexpressing ELF3 have a reduced sensitivity to red light in hypocotyl elongation and flower late in LD. Mean hypocotyl length in millimeter and flowering time ± SE are indicated. Number of plants measured for each character and genotype is indicated in parenthesis

Genotype	Hypocotyl Length in millimeter	Flowering Time As Number of Leaves at 1cm Bolt		Flowering Time As Days to 1cm Bolt	
		LD	SD	LD	SD
COL-0	5.69 ± 0.55 (21)	10.8 ± 1.36 (20)	64.60 ± 5.10 (10)	29.00 ± 2.02 (20)	102.4 ± 6.41 (10)
ELF3-OX	2.96 ± 0.52 (27)	42.5 ± 4.42 (16)	57.03 ± 1.37 (47)	60.56 ± 7.53 (16)	96.96 ± 0.92 (47)
elf3-1	12.40 ± 0.94 (27)	5.15 ± 0.73 (20)	9.65 ± 2.95 (17)	20.75 ± 1.26 (20)	47.06 ± 6.59 (17)
phyB-9	14.69 ± 0.86 (20)	7.17 ± 1.34 (18)	NA	25.83 ± 1.98 (18)	NA
phyB/ELF3-OX	10.09 ± 0.70 (19)	44.07 ± 5.21 (27)	NA	64.37 ± 9.58 (27)	NA

FIG. 4

Features of the predicted 695 amino acid ELF3 protein



Molecular basis of the *elf* 3 mutations

elf3-1	C to T change in exon 3 (stop)
elf3-2	~1.5 kb C-terminal deletion
elf3-3	G to T change in exon 2 (stop)
elf3-4	11 bp deletion in exon 1 (stop)
elf3-5	C to T change in exon 1 (stop)
elf3-6	AG to AA change in the exon 4 splice acceptor site
elf3-7	G to A change in the exon 1 splice donor site*
	*makes ~ 20% full length wild type *ELF*3 mRNA
elf3-8	unknown
elf3-9	unknown